

Mechanical Properties	Conditions	Unit	Duraform Pro X	Nylon PA11 Values	Nylon PA12 Values	FibreTuff
Density of laser-sintered part	EOS-Method (Polyamides PA11, PA12)ASTM D792(MJF PA12)	g/cm3	0.95	0.99	min. 0.90 / max. 0.95	NA
Tensile Modulus	ISO 527 (PA11, PA12)ASTM D638 (MJF PA12)	N/mm2	1770	1585 ± 25	1700 ± 150	1615
Tensile strength	ISO 527 (PA11, PA12)ASTM D638 (MJF PA12)	N/mm2	50	48	45 ± 3	43.75
Elongation at break	ISO 527 (PA11, PA12)ASTM D638 (MJF PA12)	%	22%	36.5 ± 8.5	20 ± 5	5%
Melting point	ISO 11357 & DIN53736 (PA11, PA12)ASTM D3418 (MJF PA12)	°C	200	201	min. 172 / max. 180	215-230C

X